

Manhole Inspection Summary

Manhole # S11O__011MH

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **11O** Node: **011** Status: **Found**

Insp Date: **4/16/08 11:00 AM**

Incomplete Comments

Crew: **SKWJ**
Inspector: **wjenkins**
Firm: **PER**

Location Address: **319 S Caton Ave**

Cross Street: **Frederick Ave**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

Cover

Shape: **Circular**

Diameter: **26** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☐ Sound

☐ Cracked

☒ **Leaks**

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **6** (in.)

Condition: ☐ Sound

☐ Cracked

☒ **Root Intrusion**

☐ Loose Brick

☐ Deteriorated

Infiltration: ☐ None

☐ Joint

☐ Cracks

☐ Mortar

☐ Roots

☒ **Wall**

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Loose Brick

☐ Deteriorated

Infiltration: ☒ None

☐ Joint

☐ Cracks

☐ Mortar

☐ Roots

☐ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: **0** (in.)

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Loose Brick

☐ Deteriorated

Infiltration: ☐ None

☐ Joint

☐ Cracks

☐ Mortar

☐ Roots

☒ **Wall**

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☐ Sound

☐ Cracked

☐ Root Intrusion

☐ Deteriorated

☐ Leaks

☒ **Debris**

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Partially Open**

Junc Dist: **0**

nearest .5 ft.

Azimuth: **0**

Condition: ☐ Sound

☐ Cracked

☐ Root Intrusion

☐ Deteriorated

☐ Leaks

☒ **Debris**

Steps

Count: **3**

Missing: **0**

☒ **Corroded**

Surcharge

☐ Evidence Of Surcharge

Depth: **0** (ft.)

☐ Active Surcharge Present

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Location View



Top View



Frame View



Defect 5



heavy roots build up in MH/ Evidence of chimney & frame infiltration

Defect 3



Heavy debris on bench and in channel

Defect 2



Corroded steps and Barrel infiltration

Defect 1



Heavy debris on bench and in channel

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8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **7.2** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **7.70** (ft.) Flow Characteristics: **Slow**
Deposits: ☐ None ☐ Mud ☒ **Sludge** ☒ **Debris** ☐ Grease
Silt Depth: **2** (in.) Deposits Extent: **Light**
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

6 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **6** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **7.35** (ft.) Flow Characteristics: **Slow**
Deposits: ☐ None ☐ Mud ☒ **Sludge** ☒ **Debris** ☐ Grease
Silt Depth: **3** (in.) Deposits Extent: **Medium**
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Stub connection / abandoned**

☐ Possible Illicit Connection

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8 in. Circular Gravity Sewer

8 O'Clock Inflow

Pipe In @ 8 O'Clock

Drop In @ 8 O'Clock



Heavy debris in channel

Pipe Height: **7.2** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **4.38** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☐ Mud ☒ **Sludge** ☒ **Debris** ☐ Grease

Silt Depth: **5** (in.) Deposits Extent: **Medium**

Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: Inside	Rod and Bar
Angled: Yes	Reading: 6.34 (ft.)
	Inv Depth: 7.34 (ft.)
Drop Condition: Partly Clogged	

Connects To: **Dead End**

☐ Possible Illicit Connection